

Title (en)
LETTERING APPARATUS

Publication
EP 0141411 A3 19880608 (EN)

Application
EP 84113216 A 19841102

Priority
US 54924583 A 19831104

Abstract (en)
[origin: EP0141411A2] A lettering apparatus adapted for receiving a replaceable tape supply cartridge comprising a pair of spaced apart, parallel frame members defining a cartridge receiving cavity and a print bar pivotally supported between the frame members. The apparatus also includes an improved linkage for generating the lettering force, an improved tape cut-off mechanism and improved means for driving the tape advancement mechanism in the cartridge. The cartridge also includes a device for sensing the amount of tape remaining and means for aligning the tape and characters to be lettered.

IPC 1-7
B41J 3/38

IPC 8 full level
B41J 3/38 (2006.01); **B41J 9/28** (2006.01); **B41J 11/18** (2006.01); **B41J 11/58** (2006.01)

CPC (source: EP)
B41J 3/38 (2013.01)

Citation (search report)

- [AD] US 4402619 A 19830906 - PAQUE MICHAEL W [US], et al
- [A] US 2951571 A 19600906 - COLYER EDWIN C, et al
- [A] US 2634063 A 19530407 - PARIS ROBERT E, et al
- [A] US 3960256 A 19760601 - BICKOFF CHARLES, et al
- [A] US 3912064 A 19751014 - BLUEM GARY R, et al
- [A] US 3625330 A 19711207 - MARINOFF GEORGE
- [A] US 3414102 A 19681203 - NORVELLE RALPH E
- [A] US 4239399 A 19801216 - JOHNSTUN DICK E [US]

Cited by
EP0141412A3; EP0327076A3; CN105293053A; EP2390100A1; CN102259502A; US8864300B2; US8467091B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0141411 A2 19850515; EP 0141411 A3 19880608; AU 3497084 A 19850516; CA 1240202 A 19880809; JP S60179275 A 19850913

DOCDB simple family (application)
EP 84113216 A 19841102; AU 3497084 A 19841102; CA 466905 A 19841102; JP 23302284 A 19841105